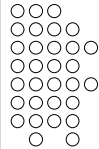


Emergency Plans for Community Water Systems

Johnna McKenna
NHDES
Drinking Water and Groundwater Bureau
Drinking Water Expo
October 2008



Overview

- What is an EP
- Why is it important
- Requirements
- What's New for 2009
- EP Guide
- Website
- Assistance



Emergency Plan

- What is an EP?
 - All hazard approach to emergency response.
- Why is it important?



Requirements

- Env-Ws 360.15
 - Due to DES every 6 years beginning March 2003
 - Annual updates
 - Part of sanitary survey checklist
 - Lack of plan = significant deficiency
- Due Date
 - March 31, 2009
 - Plans submitted after 1/1/09 are acceptable
 - E-mail, fax or mail



New for 2009

- New Bureau name
- New website
- Updated Fact Sheets
- Updated Guide
 - Backup Power
 - Mutual Aid
 - Bulk Water
 - Communications/Public Notice



EP Guide

- Updated
- New Sections
 - Section 1
 - Blank Template
 - Section 2
 - Detailed Explanations
 - Examples



EP Guide

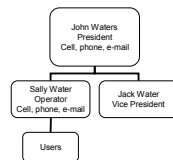
- No need to rewrite or reorder
- No right or wrong answer
- Must address every section
- Use updated fact sheets and attachments
 - No need to send attachments to DES

System Identification

- Section 1
 - Basic system info
 - Who created/maintains the plan
 - DWGB has some source info

Chain-of-Command

- Section 2
- Flow Chart
 - Phone, cell, e-mail, fax
 - Titles
 - Backups
- Responsibilities
 - Decision Making
 - List/Info Maintenance
 - Notification
 - Spokesperson
 - Coordination
 - Sampling



Notification

- Section 3
- Notification
 - Who-Oversee & Accomplish
 - Customers, state and local officials, unique customers
 - How-Process & Procedure
 - Phone tree, door-to-door, media, newspaper
 - How long will it take?
 - Contact list

Notification

- New Notification List
- Boil Orders
 - Templates
 - BO Lift-Decision must be made by DES
- Critical Users
- Mutual Aid
 - www.NHWARN.org
 - www.t2.unh.edu/ma

Notification

- Must Notify DES within 24 hours or sooner
 - Normal Hours
 - 271-2513 DWGB
 - 271-3513 DES
 - After Hours/Weekends
 - State Police
 - Explain you are calling to report a public drinking water emergency and ask for the on-call person at DES

System Components

- Section 4
 - Equipment & Chemicals
 - System Plan
 - System Demand

Alternate Water Sources

- Section 5
 - Bulk or Bottled
 - Must be from an approved source
 - Use of appropriate trucks
 - Must notify DWGB before any water is delivered
 - Submit notification form to DWGB
 - Must have system rep. present during delivery
 - Interconnections
 - New Source/Reactivation

Alternate Power

- Section 6
 - Any backup power?
 - What operations/facilities does it operate?
 - Use and maintenance
 - Tested?
 - How long can it run?
 - Fuel supply
 - Portable

Water Use Restrictions

- Section 7
- Effective means of coping with minor losses of source capacity.
 - What
 - Who
 - Notify
 - Track/Enforce

Return to Normal Operation

- Section 8
 - Who makes the decision
 - Follow-up actions
 - Coordination with proper agencies
 - Customer notification

Vulnerability Assessment

- Section 9
 - Characterization of the water system, including its mission and objectives;
 - Identification and prioritization of adverse consequences to avoid;
 - Determination of critical assets;
 - Assessment of the likelihood of such acts;
 - Evaluation of existing countermeasures; and
 - Analysis of current risk and development of a prioritized plan for risk reduction.

Plan Readiness

- Section 10
 - Who has the plan
 - Plan locations
 - Practice
 - Policies for updated plans
 - Certifications/Training
 - NIMS/ICS



Signatures

- Section 11
 - 2 signatures
 - Operator & Owner (or owner rep)
- Fax, mail or e-mail acceptable



Website

- <http://des.nh.gov/organization/divisions/water/dwgb/wseps/index.htm>
- Hot Topics
 - Emergency Planning



Assistance/Questions

- Johnna McKenna
 - 271-7017
 - johnna.mckenna@des.nh.gov
 - Phone, e-mail, on-site visits
- RCAP
- GSRWA

